

## MAINTENANCE WORKER

### **PURPOSE AND NATURE OF WORK**

Work of this class involves maintenance and repair of buildings and auxiliary structures, repair and maintenance of a variety of mechanical and electrical equipment, and skilled maintenance, repair, and construction of underground water and /or wastewater pipelines and related installations requiring state certification. Work is performed independently or as a member of a crew, depending on the nature of the task. Depending on area of assignment, routine tasks are given only general supervision or under the direct supervision of a Labor Foreman; however, special tasks are performed under close supervision. Employees of this class may exercise general supervision over the work of helpers and assist in training. All work is subject to review by a supervisor for compliance with standard procedures and specifications.

**ILLUSTRATIVE EXAMPLES OF WORK** (Note: These examples are intended only to illustrate the various types of work performed by incumbents in this class. All of the duties performed by any one incumbent may not be listed, nor does any incumbent necessarily perform all of these duties.)

Makes structural repairs to buildings and performs minor plumbing and electrical repairs. Installs electrical wiring and plumbing that does not require journeyman skills. Paints buildings and auxiliary structures and equipment. Occasionally repairs and maintains small combustion engines; inspects, maintains, and performs minor repairs on motors, pumps, and valves; changes bearings, packing, and seals. Repairs and maintains electric golf carts. May perform various welding tasks not requiring the skills of a journeyman welder. May occasionally supervise the work of helpers.

Drives Department vehicles, lifts and/or moves and operates smoke blowers, concrete saws, jackhammers, and boring rigs. Assists equipment operators in excavating. Climbs into excavations, applies shoring materials, and finishes excavation of pipe with shovels, operates pumps, fresh air blowers, high pressure flushers and related equipment. Makes repairs on iron, clay or plastic pipes from 4 to 36" according to Departmental standards. Applies protective coatings. Tests repairs, assures sanitation and safety of workers and customers in the presence of toxic gases, substances and microbes. Pours and finishes concrete driveways, streets and sidewalks. Descends and works in manholes, lift stations, and other confined spaces. Performs related work as required.

### **NECESSARY KNOWLEDGES, ABILITIES, AND SKILLS (Depending on area of Assignment)**

Knowledge of the materials, methods, procedures, tools, and equipment appropriate to the operational area to which assigned.

Knowledge of occupational hazards and safety precautions necessary in area of work assignment.

Knowledge of shop arithmetic.

Some knowledge of basic electricity, plumbing, and rough carpentry.

Knowledge of sanitation, safety and hazards of working in deep excavations, trenches or confined spaces subject to gaseous contamination.

Ability to lift, maneuver, and manipulate heavy tools and equipment for extended periods, sometimes in confined spaces.

Ability to read, write, and perform basic arithmetic as required by instructions and specifications, estimation of material quantities, and interpretation of sewer wye records without assistance and follow blueprints and sketches.

Ability to perform a variety of semi-skilled and maintenance tasks..

Ability to establish and maintain effective relationships with superiors and other employees.

Skill in the use of tools, materials, and equipment used in the building, electrical, and mechanical trades.

### **DESIRABLE TRAINING AND EXPERIENCE (Depending on area of Assignment)**

Graduation from high school and experience in building, electrical, mechanical trades, and water/wastewater utility maintenance; or any equivalent combination of experience and training.

### **SPECIAL NECESSARY QUALIFICATIONS (Depending on area of Assignment)**

- 1 Possess the Class I Water Distribution or Waste Water Collection certification test administered by the State of Louisiana, depending on area of assignment.
- 2 Possession of a valid Louisiana Driver's License.
- 3 High School Diploma or G.E.D.
- 4 Must be capable of responding to the site within one hour of being notified.

